

CLARIFICATION NO. 1

Dated: March 30, 2016

STORMWATER PUMP STATION NO. 1 – MOTOR REPLACEMENT

This Clarification consists of five (5) pages.

<u>ITEM NO.</u>	<u>DESCRIPTION</u>
------------------------	---------------------------

1.	QUESTIONS AND RESPONSES
-----------	--------------------------------

Q1: Confirm use of overhead crane for removal/replacement of motors.

R1: The existing overhead crane can be used to remove and replace equipment for this project.

Q2: Confirm no permits are needed for bypass pump

R2: No environmental permits are required however a ROW permit will need to be issued from the City Right-of-Way Division for lane closure and work within the ROW.

Q3: Provide specifications for new motor shafts

R3: Specific dimension of motor shafts will be dependent on replacement motors selected by contractor. Pump supplier who attended pre-bid meeting measured existing shafts.

Q4: Note on C-002 refers to modifications to ventilation system, please clarify.

R4: Original design concept anticipated need for additional ventilation but final design did not include additional ventilation due to adequacy of existing system.

Q5: Confirm motors will not be turned over to owner.

R5: Originally, motors were anticipated to be turned over to city for salvage, however after project was advertised for bid, decision was made not to salvage any existing equipment. Contractor shall remove and dispose of all material and equipment demolished for this project.

Q6: Thermo-Trol mentioned the possibility of utilizing variable speed drives. Is this still being considered?

R6: Variable speed drives were not part of the design. Contractor was requested to submit RF to clarify request. No RFI has been submitted.

Q7: Please confirm model # for RVAT.

R7: Model # for RVAT is Square D #Q2C 36947460. Supplier is Schneider Electric, contact Justin Capps at 757.749.7052.

Q8: Do new motors need to be explosion proof?

R8: No, this building is not classified as explosion proof and new motors do not need to be explosion proof.

2. **Pre-Bid Meeting Sign-In Sheet:** Provided for informational purposes.
3. **Pre-Bid Meeting Notes:** Provided for informational purposes.

Prepared by: Ken Turner, P.E., Senior Project Manager, Timmons Group
Issued by: Toni Alvarez, Contract Monitoring Specialist, City of Norfolk



City of Norfolk

Department of Public Works
Pre-Bid Conference

Project:

Stormwater Pump Station #1 Motor Replacement

Date:

23-Mar-16

Name	Company/Agency	Telephone Numbers			E - Mail Address
		Office	Fax	Cell	
Mike Skowronski	EL Middleton	855 3351	853 7090	323 3005	mikes@middleton.com
HAIRY PHILLIPS	BEST REPAIR INC.	607-4752	625-3706	777-2562	GRACE.PHILLIPS@BESTREPAIRINC.WI
Kurt Kemmer	THE KEMMER COMPANY	421-0084	421-0772	469-0030	Kurt@TheKemmerCo.com
W.D. Jones	Goodwin	490-1300	459-4936	607-0642	W.D.Jones@Xtelinc.com
Ron Lengel	ATI	912-0566	262-0565	419-4667	ron@atlange-confirp.net
Jim Kears II	IRELAND	434-0360	434-1609	310-5449	Jim@ireland.com
Chris Lindner	IRELAND	434-0300	434-1609	435 9356	Electrical@ireland-electric.com
John Davis	Sydco Hydro	804 314-8353		804 314-5583	john.davis@sydcohydro.com
John "Sid" Sidlovsky	Thermo-Trol Systems	757 488-4646	757 4844032	757 3287796	jsidlovsky@thermo-trol.com
Steve Bott	Ren Corp	(757) 686 0800	686 0823	390 5638	sbott@rencorp.com
John Stokes	Godwin	757 4901300	459-4856	757 592-8711	JOHN.STOKES@XYLEMINC.COM
Richard Kuligat	Shaw Const	757 345-3138	345-0352	757 876 9796	RichardK@SCC-Va.com
JOHN STATION	BEST REPAIR CO.	757-622-4752	625-3206	619-1977	JOHN.STATION@BESTREPAIRINC.WI
KEN TURNER	TIMMONS GROUP	213 6671		985 5579	ken@timmonsgrp.com
REY HERNANDEZ	City of Norfolk - PW	823-4021			reyvaldo.hernandez@norfolk.gov

MEETING MEMORANDUM

PROJECT: Storm
Water Pump
Station #1 Motor
Replacement

JOB NUMBER:

REPORT BY: Ken
Turner

CLIENT: City of
Norfolk

DATE/TIME:
March 23, 2016
9:00 am

LOCATION: Pump
Station #1

ATTENDEE NAMES
See Attached Attendee list

REPRESENTING

PHONE NUMBER

ACTION ITEMS:

DESCRIPTION:

ACTION BY:

MEETING NOTES

1. Rey Hernandez provided an overview of the project. One motor may be taken out of service at a time with other 2 remaining in service to provide pumping capacity. Order of motor replacement shall be 2, 3 and 1. Bypass pump will need to be set up before pump can be taken out of service. City ROW division will limit lane closure to 6 hours Monday through Friday 9 am – 3pm.
2. A question was asked about if motors had been taken out before. City staff responded overhead crane was used and motor was placed by the door. A boom truck then picked it up and put it on a truck outside. Contractor will be permitted to use existing crane for this project.

3. One contractor had a question about Square D RVAT specified and said model Q2C was giving vendor trouble. The model number used for the design of this project was Square D Q2C # 36947460.
4. A note on Electrical drawing says remove motor and turn over to City for salvage. City has decided there will be no equipment or material will be returned to City for Salvage. Contractor shall remove and dispose of all demolished material and equipment off site.
5. There was a question about the bypass pump. The pump will be located on the sidewalk and discharge line will go over flood wall. No environmental permit is needed for this operation. Contractor will need to secure permit from ROW division for lane closure and work in ROW. Suction line shall not be located in travel lane.
6. A question was asked if VFD drives would be considered. The response was to submit a RFI with details of what was proposed and a response would be provided.